

CASEWORK/ SINK DETAIL

SCALE: 1-1/2" = 1'-0"

EXISTING FIRE RATINGS SHALL BE MAINTAINED AT SLAB PENETRATIONS RATED WALLS, RATED CEILING ASSEMBLIES AND FIRE COMPARTMENT

REVIEW FINAL LOCATIONS AND QUANTITIES OF FIRE EXTINGUISHERS

FIRE EXTINGUISHERS SHALL BE PLACED AT INTERVALS NOT

WITH FIRE MARSHALL PRIOR TO CONSTRUCTION.

EXCEEDING A TRAVEL DISTANCE OF 75'.

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DRAVINGS VILL INCLUDE BEAM OR STRUCTURE ELEVATION & REQUIRED EQUIPMENT ACCESS AREAS. 11.THE ELECTRICAL INSTALLATION SHALL MEET ALL REQUIREMENTS OF 13.COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH LIGHTS AND ARCHITECTURAL ELEMENTS. POVER AND TELEPHONE COMPANIES. 12.CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALL NECESSARY CONTROL WIRING. 14.COORDINATE LOCATION OF AHU'S, THERMOSTATS, FANS AND DUCTWORK WITH BUILDING STRUCTURE AND OTHER TRADES SO THAT NO INTERFERENCES 13.ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE 15.MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING, ELECTRICAL AND STRUCTURAL PLANS. DUCT BENDS AND TRANSITIONS WILL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. HACR TYPE CIRCUIT BREAKERS OR FUSED SWITCHES AS INDICATED. 14.PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES, DEVICES FOR ALL DUTLETS AS INDICATED. 15.CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED OF HIS VORK. 16.ELECTRICAL CONTRACTOR SHALL LABEL EXTERIOR OF ALL PANELS AND PROVIDE COMPLETE TYPEWRITTEN DIRECTORIES. 17.ALL ELECTRICAL AND TELEPHONE/DATA OUTLETS TO BE AT 18' AFF UNLESS NOTED OTHERWISE, VERTICALLY MOUNTED. 18.ALL LIGHT SVITCHES TO BE AT 48' AFF. 19.LAY IN LIGHT FIXTURES TO BE SUPPORTED AT TWO CORNERS AND SECURED TO STRUCTURE ABOVE. 20.ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL ELECTRICAL WIRING FOR HVAC SYSTEM INCLUDING CONTROLS, THERMOSTATS, POWER, ETC. SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. SLALL SERVICE CONDUIT AND ALL EXPOSED EXTERIOR CONDUITS SHALL BE RIGID METAL. INTERIOR LIGHTING AND RECEPTACLE CONDUIT MAY BE EMT. AIR DEVICE SCHEDULE MANUFACTURED BY TITUS. 250-AA CURVED BLADE CEILING DIFFUSER. ALUMINUM 4FFL-AA SURFACE CEILING RETURN GRILLE W/FILTER. ALUMINUM 1. ACCEPTABLE ALTERNATE MANUFACTURER SHALL BE METALAIRE. 2. COLOR SHALL BE WHITE. EXISTING 400 EXISTING AMP SERVICE DISCONNECT TO EXIST EXIST PANEL 'A' 'B' METER TO REMAIN. REMAIN. CONDUIT & FEEDER -EXISTING 120/208V 3PH, 400 AMP SERVICE -----FROM METER ROOM, EXISTING GROUND NOTIFY THE ARCHITECT IMMEDIATELY. I SYSTEM TO REMAIN.

NTS

ELECTRICAL NOTES:

GENERAL HVAC NOTES

8.NOT USED,

1.VISIT THE SITE PRIOR TO SUBMITTING A BID. DETERMINE THE CHARACTERISTICS OF EXISTING FACILITIES WHICH WILL AFFECT PERFORMANCE OF THE WORK, BUT WHICH ARE NOT SHOWN ON THE DRAWINGS.

2.PROVIDE ALL LABOR PERMITS, MATERIAL, TOOLS, SUPPLIES, EQUIPMENT TO INSTALL A COMPLETE AND OPERATING AIR CONDITIONING SYSTEM. INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES.

4.CONTRACTOR SHALL SUBMIT, FOR APPROVAL FIVE (5) COPIES OF MANUFACTURERS DRAWINGS FOR EACH PIECE OF EQUIPMENT AND CONTROLS

SALL CONDITIONED AIR DUCTVORK SHALL BE FIBREGLASS, R=4.2 MIN, EXHAUST & DUTSIDE AIR DUCTVORK SHALL BE GALVANIZED STEELALL BENDS GREATER THAN 45 DEGREES SHALL HAVE TURNING VANES, CONTRACTOR SHALL VERIFY ALL CLEARANCES AND ADJUST FOR FIELD CONDITIONS PRIOR TO CONSTRUCTING ANY DUCTWORK, ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS. INSTALL ALL DUCTWORK PER APPROPRIATE SMACNA STANDARD,

6.THE CONTRACTOR SHALL FURNISH A WRITTEN WARRANTY THAT SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ARCHITECT, ANY BREAK-DOWN OCCURRING IN THE FIRST YEAR SHALL BE REPAIRED AT NO COST TO THE OWNER.

9ALL AIR DEVICES (DIFFUSERS, REGISTERS AND GRILLES) SHALL BE ALL ALUMINUM CONSTRUCTION WITH EXPOSED SURFACE OF WHITE BAKED ENAMEL FINISH OR AS SPECIFIED BY ARCHITECT, DEVICES SHALL BE TITUS OR

10.ALL BRANCH TAKE OFFS TO BE PROVIDED W/ MANUAL VOLUME DAMPERS ALL ELBOWS AND TEES MUST BE FURNISHED W/TURNING VANES, PROVIDE

11. THE DESIGN & INSTALLATION OF THE MECHANICAL SYSTEMS & ALL APPURTENANCES SHALL COMPLY STRICTLY WITH THE APPLICABLE PROVISIONS OF THE FLORIDA BUILDING MECHANICAL CODE & THE LOCAL AMENDMENTS TO THE FLORIDA BUILDING MECHANICAL CODE.

12.A/C CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE HIS WORK FOR SIZE, LOCATION, CLEARANCE, ACCESS AND ELECTRICAL CHARACTERISTICS WITH ALL OTHER TRADES AND TO PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW BEFORE INSTALLATION OF DUCTWORK OR EQUIPMENT, SHOP

MANUAL VOLUME DAMPERS WITH EXTRACTOR AT ALL FLEX TAKE OFFS

7.PROVIDE & INSTALL ALL CONTACTORS, RELAYS, AND CONTROLS.

3.PAY ALL COSTS OF PERMIT INSPECTIONS AND ALL OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK.

LELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED. CONSTRUCTION SHALL BE IN ACCORDANCE EXISTING 2X4 LIGHT FIXTURE TO REMAIN OR BE RELOCATED TO THE NEW LOCATION SHOWN. THE EXISTING CIRCUITING SHALL WITH DRAWINGS AND APPLICABLE SPECIFICATIONS. F A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND SHALL NOT PROCEED WITH THAT REMAIN. PROVIDE NEW SWITCHING AS SHOWN. PORTION OF THE WORK UNTIL OWNER HAS DIRECTED CORRECTIVE ACTION TO EXISTING 2X2 LIGHT FIXTURE TO REMAIN OR BE RELOCATED TO THE NEW LOCATION 2.ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND FAMILIARIZE SHOWN. THE EXISTING CIRCUITING SHALL HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND TELEPHONE REMAIN. PROVIDE NEW SWITCHING AS SHOWN. INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. 3.ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE THE NATIONAL ELECTRIC CODE AND THE FLORIDA BUILDING CODE AS MODIFIED BY THE PALM BEACH COUNTY AMMENDMENTS. EXISTING EXIT LIGHT FIXTURE TO REMAIN. THE EXISTING CIRCUITING SHALL REMAIN. 4.DO NOT SCALE THE ELECTRICAL DRAWINGS.REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM EXISTING EMERGENCEY LIGHT FIXTURE TO VITH DWNERS REPRESENTATIVE. REMAIN. THE EXISTING CIRCUITING SHALL 5.MINIMUM VIRE SIZE SHALL BE #12 A.V.G. EXCLUDING CONTROL VIRING.
UNLESS OTHERWISE NOTED, ALL CONDUCTORS SHALL BE COPPER WITH THHN 6.OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST EXISTING CEILING MOUNTED PADDLE FAN TO ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND SPECIAL REMAIN. THE EXISTING CIRCUITING SHALL ENCLOSURES FOR OTHER CLASSIFIED AREAS. REMAIN. PROVIDE NEW SWITCHING AS SHOWN. 7.CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FROM A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF EXISTING CEILING MOUNTED EXHAUST FAN TO REMAIN. THE EXISTING CIRCUITING SHALL 8.CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE REMAIN. PROVIDE NEW SWITCHING AS SHOWN.
IN ADDITION, THE EXISTING DUCTWORK SHALL OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THERE BY. 9.ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE NEW WALL MOUNTED LIGHT SWITCH TO BE MOUNTED UP 48' AFF TO THE CENTER OF THE SWITCH, 3 = 3 WAY. 10.CONTRACTOR SHALL PAY FOR ALL PERMITS. FEES, INSPECTIONS AND TESTING. CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. NEW 1P, 20 AMP QUAD PLEX RECEPTACLE. EXISTING 2P, 50 AMP RECEPTACLE, NEW CEILING MOUNTED AIR CONDITIONING SUPPLY AIR GRILLE AS SCHEDULED. NEW CEILING MOUNTED AIR CONDITIONING RETURN AIR GRILLE WITH FILTER AS SCHEDULED. SPECIFIC NOTES: THIS DRAWING 1. THE NOTED FLUORESCENT LIGHT SHALL REMAIN ON 24 HOURS PER DAY FOR SECURITY PURPOSES. 2. THE NOTED LIGHT SWITCH IS A NEW LIGHT SWITCH TO CONTROL THE EXISTING LIGHT FIXTURES AS SHOWN, THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID & INCLUDE ALL COSTS ASSOCIATED WITH THIS WORK IN 3. THE NOTED LIGHT FIXTURE IS AN EXISTING LIGHT FIXTURE THAT IS TO BE RELOCATED WHERE SHOWN, THE CONTRACTOR SHALL EXTEND THE EXISTING CIRCUITING & PROVIDE NEW SWITCHING AS SHOWN. 4. THE NOTED SUPPLY AIR DUCT SHALL CONNECT TO THE EXISTING MAIN SUPPLY AIR TRUNK DUCT ABOVE THE CEILING. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID & INCLUDE ALL COSTS ASSOCIATED WITH THIS 5. THE NOTED RETURN AIR DUCT SHALL CONNECT TO THE EXISTING MAIN RETURN AIR TRUNK DUCT ABOVE THE CEILING. THE CONTRACTOR SHALL VISIT THE SITE PRIOR O BID & INCLUDE ALL COSTS ASSOCIATED WITH THIS 6. THE NOTED QUAD RECEPTACLE SHALL BE MOUNTED AS NOTED. THE DUTLET SHALL BE PROTECTED BY A DEDICATED 1P, 120V CIRCUIT WITH A DEDICATED NEUTRAL & A DEDICATED EQUIPMENT GROUND, THE CONTRACTOR SHALL EXTEND 1/2°C WITH 2 #12 AVG & #12 AVG GND BACK TO PANEL 'A' & ALSO PROVIDE A NEW 1P, 20 AMP CIRCUIT BREAKER IN PANEL 'A' TO PROTECT THIS 7. THE NOTED 2P RECEPTACLE IS AN EXISTING 7. THE NOTED 2P RECEPTACLE IS AN EXISTING RECEPTACLE, PRIDR TO BID THE CONTRACTOR SHALL VERIFY THAT THIS RECEPTACLE IS RATED & PROTECTED FOR 50 AMPS. IF THE RECEPTACLE IS RATED & PROTECTED FOR 50 AMPS IT SHALL REMAIN IN THE LOCATION SHOWN. IF THE RECEPTACLE IS NOT RATED FOR 50 AMPS THEN THE CONTRACTOR SHALL INCLUDE IN THE BID THE COST TO PROVIDE A NEW 2P, 50 AMP RECEPTACLE, 3/4'C WITH 2 #8 & #10 GND BACK TO PANEL 'A' & A NEW 2P, 50 AMP CIRCUIT BREAKER IN 8. AS PART OF THIS WORK & INCLUDED IN THE BID THE ELECTRICAL CONTRACTOR SHALL PROVIDE A NEW & ACCURATE PANEL SCHEDULE TO BE LOCATED ON THE INSIDE COVER OF EACH PANEL. EACH SCHEDULE SHALL PROVIDE A BRIEF DESCRIPTION FOR EACH EXISTING & NEW CIRCUIT BREAKER LOCATED WITHIN EACH PANEL. NOTE: THE CONTRACTOR SHALL VERIFY THE INFORMATION NOTED IN THIS RISER PRIOR TO BEGINNING WORK. IF THERE ARE ANY DISCREPANCIES THE CONTRACTOR SHALL 9. THE NOTED LIGHT SWITCH IS A NEW 3 WAY LIGHT SWITCH TO BE MOUNTED IN AN EXISTING SWITCH BOX. THIS SWITCH IS TO CONTROL THE EXISTING LIGHT
FIXTURES AS SHOWN, THE CONTRACTOR SHALL VISIT THE
SITE PRIOR TO BID & INCLUDE ALL COSTS ASSOCIATED
WITH THIS WORK IN THE BID. ELECTRICAL RISER DIAGRAM 10. THE NOTED LIGHT SWITCH IS A NEW LIGHT SWITCH TO BE MOUNTED IN AN EXISTING SWITCH BOX. THIS SWITCH IS TO CONTROL THE EXISTING LIGHT FIXTURES AS SHOWN, THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID & INCLUDE ALL COSTS ASSOCIATED WITH

THIS WORK IN THE BID.

MECHANICAL-ELECTRICAL LEGEND:

SVITCH, NOTE 9, NEM 15X15 | 'A' & 'B', NOTE 8, NEW 8X8,1WCBCD 103 70 CFM. EXISTING NEW OFFICE 6'9 NEW SWITCH. NOTE 10. EX EXISTING EXH FAN TO REMAIN, 104 EXISTING RESTROOM EXISTING CH RIA NOTE 6 OFFIÇE SWITCH. NEW SWITCH NOTE 10. 100A NOTE 5'-EXISTING SERVER/ HALLWAY STORAGE NOTE 7 EXISTING OPEN AREA

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Alternate 9810

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JONES & CONDE, LLC

FLOOR PLAN - MECH & ELEC

SCALE: 3/16" = 1'-0"

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